

RUT230 Firmware Downloads (legacy WebUI)

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FW downloads

This page contains various firmware versions for RUT2XX devices.

Note: packages for [Package Manager](#) are independent from firmware and can be downloaded in the [Package Downloads](#) page.

Firmware Version	Changelog
Latest FW RUT2XX_R_00.01.14.7	2023.05.19

FW checksums

A list of firmware checksums for RUT2XX firmwares uploaded in this page: [checksum list](#)

Notes

- To successfully upgrade RUT230 from Legacy firmware (RUT2XX_R_00.01.14.1 and below) to RUTOS (RUT2_R_00.07.01 and up), you must first upgrade to the latest Legacy firmware (**RUT2XX_R_00.01.14.3 and up**) and then upgrade to latest RUTOS firmware. For example:
 - It is **not** possible to upgrade from **RUT2XX_R_00.01.14** to **RUT2_R_00.07.01** and vice-versa;
 - It is possible to upgrade from **RUT2XX_R_00.01.14** to **RUT2XX_R_00.01.14.4** first, then to **RUT2_R_00.07.01** and vice-versa.

Changelog

[RUT2XX_R_00.01.14.7](#) | **2023.05.19**

- Fixes:
 - Fixed CVE-2023-32349 vulnerability

[RUT2XX_R_00.01.14.6](#) | **2022.08.03**

- Fixes:
 - Enhanced SMS Utilities service security

[RUT2XX_R_00.01.14.5](#) | **2021.12.09**

- New features:
 - DFOTA modem upgrade system for Quectel modems

- Fixes:
 - Fixed mobile MTU setting
 - Fixed incorrect QMI calls to modem
 - Increased buffer size for AT+CGDCONT output
 - Fixed persistence of DMZ firewall rules when loading Firewall General page

[RUT2XX_R_00.01.14.4](#) | 2021.10.11

- New features:
 - Added MeigLink SLM750-VAU support
 - Added ping to DNS feature for mobile
- Fixes:
 - Patched CVE-2021-33909 vulnerability
 - Patched CVE-2019-14834 vulnerability
 - Patched CVE-2021-37600 vulnerability
 - Fixed VoLTE configuration for EC25-V modules
 - Fixed setting band issues
 - Fixed RMS rscp, ecio, rsrp, sinr and rsrq values

[RUT2XX_R_00.01.14.3](#) | 2021.08.17

- New features:
 - Added MeigLink SLM750-VSA and SLM750-VJ support
 - Added MeigLink SLM750-VJ manual frequency band selection
 - Added MQTT Modbus Gateway keep alive option
- Improvements:
 - Added conntrack flush after IPsec connection
- Fixes:
 - Fixed hardware information config corruption when applying backup
 - Fixed backup archive validation
 - Fixed redirecting to correct IP address after firmware upgrade with keep settings
 - Fixed Modbus Master Alarms enabling

[RUT2XX_R_00.01.14.1](#) | 2021.07.02

- New features:
 - MeigLink SLM750 Australian module support
- Improvements:
 - Added CallFailed error handling
 - Updated APN database with OTA BELL ME operator APN
 - Added Client ID option to Data to Server
 - Added band selection support for Meiglink SLM750
 - Added band parsing to mobile library
 - OpenSSL updated to version 1.1.1k
- Fixes:
 - Fixed signal strength LED handling for Meiglink modems
 - Fixed backup generating without packages
 - Fixed service mode handling for Meiglink SLM750 modems
 - Fixed band handling when switching service modes

- Fixed SMS storage swap to modem when connection type changed from QMI to PPP
- Fixed IPsec Passthrough function handling
- Fixed Package Manager package install crash on reboot
- Fixed modem FW version show for Meiglink SLM750
- Restored no-ip.com, nsupdate and cloudfire.com-v4 DDNS configurations
- Fixed DDNS hostname, username and password fields not showing when custom service is chosen
- Fixed IPSec Pre-shared key option validation
- Added security Wireless fixes for the FragAttacks vulnerabilities

RUT2XX_R_00.01.14 | 2021.03.23

- New features:
 - PPPoE wired WAN
 - WiFi Multiple AP configuration page
- Improvements:
 - Added SHA1 HMAC hash support to dropbear (SSH server/client)
 - Updated libpcap to version 19.1
 - Updated sqlite3 to version 3.33
 - Updated curl to version 7.74
 - Updated ncurses to version 6.2
 - Updated pcre to version 8.44
 - Updated iptables to version 1.6.2
 - Added hard request, alarm and slave limits to MODBUS TCP Master
 - Added USB ZLP flag to avoid mobile network loss
 - Added new gsmctl command that returns operator names
 - Added check for newline symbol at the end of an uploaded OpenVPN config file; if newline is not found, it is added automatically
- Fixes:
 - Fixed CVE-2019-9755
 - Fixed CVE-2018-16789
 - Fixed CVE-2020-12762
 - Fixed CVE-2021-22161 (updated odhcp6c and netifd to fix IPv6 routing loop on point-to-point links)
 - Fixed revision buffer size for Operator Control
 - Fixed operator selection logic
 - Fixed default PPTP route option handling
 - Fixed display of DDNS Hostname, Username and Password options when custom service is selected
 - Fixed incorrect VLAN ID range
 - Fixed IPsec start after reboot issue
 - Fixed IPsec cache issues
 - Fixed firewall rule execution when QoS is not enabled
 - Fixed ZeroTier crashing issues
 - Fixed Events Log Reporting sending email with attached file
 - Fixed unexpected Package Manager crash while installing unsupported packages
 - Fixed static mobile routes after modem restart
 - Fixed routing issue with mobile PPP connection type
 - Fixed double entries after firmware upgrade with keep settings on Output Scheduler
 - Fixed Hotspot freeze on launch with certain config bug

- Fixed wireless device frequency and channel display in wireless widget
- Fixed typo from 'Start IP address' to 'End IP address' under DHCP server configuration

[RUT2XX_R_00.01.13.3](#) | 2021.01.26

- Fixes:
 - Added dnsmasq patch CVE-2020-25681, CVE-2020-25682, CVE-2020-25683, CVE-2020-25684, CVE-2020-25685, CVE-2020-25686, CVE-2020-25687
 - Fixed SSH reachable over SIM IP in early boot

[RUT2XX_R_00.01.13.2](#) | 2021.01.12

- Fixes:
 - Added openvpn patch to fix CVE-2020-11810
 - Updated openssl to version 1.1.1i
 - Added dnsmasq patch for CVE-2019-14834
 - Added strongswan patch to fix CVE-2018-10811
 - Added hostapd patch to fix CVE-2019-16275, CVE-2019-11555, CVE-2019-13377 vulnerabilities
 - Updated uci to version 2019-09-01
 - Fixed setting APN and toggling Auto-APN on/off via SMS Utilities
 - Fixed factory reset on button that wouldn't perform a complete settings wipe

[RUT2XX_R_00.01.13.1](#) | 2020.11.19

- Fixes:
 - Randomized the global rate limiter to mitigate "SAD DNS" attack

[RUT2XX_R_00.01.13](#) | 2020.10.23

- New features:
 - IPsec Xauth
 - IPsec Passthrough
- Improvements:
 - Added Input/Output default chain policy selections for firewall zones
 - Removed IPv6 related options from Setup Wizard
 - Improved WebUI page loading speed
 - Added a possibility to set MQTT credentials for Modbus Data Sender
 - Added options to keep connection open for Modbus TCP Slave
 - Added TLS certificate options to HTTP(S) data sending for Modbus data
 - Added the option to send SMS messages to multiple numbers on Modbus Alarms
 - Added IPsec aggressive host enable option
 - Expanded IPsec identifier validation
 - Added WiFi SSID field validation
 - Changed IP leasing sequence in mobile Passthrough mode
 - Added SHA512 support
 - Added MD5 & SHA256 checksum calculation for Configuration Backup files
 - Added uploaded package signature verification to Package Manager
 - Added new program that sends and reads GRE Tunnel 'keep alive' packets
 - Changed default WAN Failover values
 - Simplified key combination for opening a new CLI tab

- Fixes:
 - Fixed Modbus MQTT Gateway not responding when connection with broker restarts
 - Fixed Modbus MQTT Gateway not responding when topics gave special characters
 - Fixed Modbus MQTT Gateway enable option hint; fixed option dependencies in data sender configuration
 - Fixed configuration field validations in the Modbus MQTT gateway page
 - Fixed MQTT topic validation in Modbus pages
 - Fixed configuration field validations in the ThingWorx page
 - Fixed Periodic Output Control table layout
 - Fixed security related issues to file uploading and HTTP headers
 - Fixed adding new L2TP and PPTP instances on non-English WebUI
 - Disabled WiFi STA when authentication fails in STA+AP mode due to bad key
 - Fixed WiFi SSID string handling in fix_sta_ap.sh
 - Disabled channel checking if WiFi device is turned off while in the Network → Wireless page
 - Fixed duplicate "Associated Stations" table entries in the Status → Network → Wireless page
 - Fixed table design in the System → Administration → Access Control → Safety page
 - Fixed not setting iptables rules for mobile interface
 - Fixed saving APN after firmware upgrade
 - Fixed default mobile MTU setting
 - Fixed access to LAN page when mobile Bridge mode is enabled
 - SMS-Utilities: fixed exiting when at least one Events Reporting rule was not enabled
 - Removed IPv6 Subprefix Hint field from the Network → LAN page
 - Fixed DNS push from OpenVPN server
 - Fixed L2TP over IPsec with Android 10
 - Removed crt_rms deprecated service
 - Fixed RMS collecting data usage
 - Fixed mobile status error for Load Balancing
 - Fixed WAN MAC address value in SMS Utilities command response
 - Fixed answer delay for Call Utilities commands
 - Fixed key combination not working
 - Removed Wireguard from the Network → Status page when this package is not installed
 - Changed SNMP RX, TX object types to uint64

[RUT2XX_R_00.01.12.3](#) | 2020.06.15

- Improvements:
 - Improved RMS connection establishment

[RUT2XX_R_00.01.12.2](#) | 2020.05.08

- Fixes:
 - Fixed Verizon operator APN configuration

[RUT2XX_R_00.01.12.1](#) | 2020.04.09

- Fixes:
 - Fixed AT&T operator APN

[RUT2XX_R_00.01.12](#) | 2020.03.24

- New features:
 - Added sms remote configuration option
 - Added "Enable HTTPS" option in "Access Control" page
 - Added network frequency band select support for EG25-G modem
 - Added additional service mode options to setup wizard
 - Added Japanese language support
 - Added TLS support to MQTT publisher
 - Added mqtt subscriber support
 - MQTT-Modbus gateway: add MQTT-Modbus gateway support
 - Added ability to install packages stored in backup file
 - Full Unicode SMS support
 - Added time sync from operator station
 - Added ntpclient failover to operator station sync
- Improvements:
 - Removed wep encryption from WiFi settings
 - Added profile scheduler and default configuration profile
- Fixes:
 - Fixed TR-069 wan type value
 - removed GRE tunnel option in Events reporting
 - Removed config update from server option
 - Fixed to display the same units of download and upload speeds in the Hotspot settings.
 - Fixed not showing Hotspot users upload/download statistics
 - Added ability to write hyphens to static lease hostname.
 - Fixed RAM usage display
 - Fixed password change URL after firstboot
 - Removed change password error message after firstboot
 - Fixed Web access Control via SMS Utilities
 - Fixed signal strength logging and reporting

[RUT2XX_R_00.01.11.3](#) | 2019.12.04

- Fixes:
 - Fixed RMS not displaying data when using WiFi
 - Fixed RMS not displaying WAN IP with WAN failover

[RUT2XX_R_00.01.11.2](#) | 2019.11.12

- Fixes:
 - TR-069 WAN type value fix
 - RMS batch number instead of product code bug fix
 - Added missing HMAC options and PKCS12 support to OpenVPN

[RUT2XX_R_00.01.11.1](#) | 2019.10.21

- New features:
 - Auto APN
 - SMS Utilities Auto APN toggling
 - Operators control & support for JioAPN
 - Package Manager
 - RMS wireless monitoring

- Port based VLAN configuration
- I/O power socket pinout image
- VRRP advertisement interval option
- Improvements:
 - UPnP updated to version 2.1
 - SIM switching optimizations
 - Faster SSH private key generation on first boot
 - Added network, serving and neighbor cell information to Troubleshoot files
- Fixes:
 - Wget Reboot minimal interval for action 'reboot' added
 - Ping Reboot packet size 0 fix
 - Modbus WebUI fixes
 - Modbus WiFi/Mobile on/off fix
 - SMS Utilities table validation fix
 - SMS Utilities UCI API fixes
 - SMS Utilities SMS response status fix
 - SMS-Utilities WiFi/Mobile on/off fix
 - Clarified WebUI options for SMS Forwarding
 - Hotspot Statistics tab shows incorrect information fix
 - Hotspot session name validation fix
 - Hotspot landing page file upload limits increased
 - Fixed MAC address clone configuration
 - Fixed sessions table dependency on authentication mode
 - Events log network type logging on modem service restart fix
 - Events Reporting typos that prevented rules being matched fixes
 - WAN Failover option disappearing after language change fix
 - Removed unnecessary fix_sta_ap.sh from syslog messages
 - Removed OpenVPN converting names to hex
 - Added file upload limits
 - DDNS name validation fix
 - Hostname and router name after backup upload fix
 - Mobile Data Limit firewall rule init fix
 - Added missing password validation
 - Fixed default VRRP config to follow RFC 2338
 - Changed packages names in Package Manager
 - Input/Output label & functionality fixes
 - FOTA memory calculation fix
 - Removed "Site Survey" page

RUT2XX_R_00.01.10 | 2019.07.12

- New features:
 - New flash validation added
- Improvements
 - Added reply after mobileon and mobileoff SMS Utilities commands
- Fixes:
 - Firmware upgrade with keep settings fix
 - PPTP fix when upgrading firmware with keep settings
 - Do not autocomplete non-system passwords fix

- Added validation for 'Service mode' change
- VRRP template fix
- Added validation for user group number format
- SMS Gateway: removed new line add after configuration save
- Added validation to prevent shell command execution via 'name' field in Wake on LAN
- NTP time zone options fix
- MQTT bridge with SSL/TLS connection fix
- 'Use DNS servers advertised by peer' does not save fix
- 'FW update available' fix
- WAN state and IP print fixes

[RUT2XX_R_00.01.07.1](#) | 2019.06.10

- Fixes:
 - Increased RMS HTTP Proxy resource limit

[RUT2XX_R_00.01.07](#) | 2019.05.31

- New features:
 - SNMP: Individual port status added
 - openssl: update to version 1.0.2r
 - dropbear: update to version 2019.78
 - busybox: update to version 1.30.1
 - uci: update to version 2018-08-11
 - ubus: update to version 2018-10-06
 - ubox: update to version 2019-04-07
 - libubox: update to version 2019-02-27
 - MQTT: added MQTT support
 - WebUI: add additional band support for EC25
 - UPnP: UPnP added
 - WebUI: add events reporting and reporting configuration support
 - Flash: Add XT25F128B flash support
 - Strongswan: Custom option added
 - WebUI: upload backup from lower firmware version support
- Fixes:
 - Wireless: Station availability when two or more Access Points are created fix
 - Mobile Graphs: Color and line adjustments
 - WebUI: Overview->Network->Topology: WAN Failover redirection fix
 - Strongswan: Shared-keys fix
 - WebUI: fix input validation issues
 - Mobile traffic: graph fixes
 - WebUI: fix LEDs Indication setting
 - QMI2: set 1st context to IPv4
 - Hotspot: Restrict internet access fix
 - Hotspot: 'Invalid' prompt after deleting session fix
 - IPSec: No shared key validation added
 - Email-to-SMS: longer SMS fix
 - IPSec: Allow WebUI access with HTTPS fix
 - RMS: fixed disable on sysupgrade with keep settings
 - WebUI: LEDs Indication hint text fix
 - IPSec: Fixed NAT rules application for IPsec traffic from WEB interface

- SMS-Utills: '00XXX' and '+XXX' synonymous numbers fix
- Wireless: Regulatory domain and channel change fix
- SMS-Management: Error message after successful SMS send fix
- Services: SNMP Trap redirection fix
- Periodic Control: Rule addition in Chromium fix
- Setup Wizard: Dialing number disappearing fix
- WAN: After interface edit, redirect back to main WAN window fix
- SNMP: Teltonika MIB file fix
- rms_mqtt: HTTPs proxy fix
- rms_json: Fixed WAN State and WAN IP
- Wireless: STA connection loss fix
- QoS: Speed limitation fix
- Stunnel: Removed unnecessary WebUI options, added validation.
- Port Scan Prevention: Disable fix
- Port Scan Prevention: Warning message for remote access added
- ledman: fixed led issue when there is no connection
- ledman: fixed led issue when rebooting router with reset button
- Wireless: Channel frequency display fix
- Administration: RMS 'infobox' fix
- Setup Wizard: RMS 'infobox' fix
- Setup Wizard: Validation and redirection fixes
- VRRP: updated to 1.15 version
- LAN: Static leases fix
- Backup: Redirection to 127.0.0.1 after backup load fix
- Network: 'Use WAN as LAN' availability fix
- WebUI: WAN as LAN when using main WAN WIFI fix
- Network: Delete static protocol options after change to DHCP fix
- L2TP and PPTP: updated services

[RUT2XX_R_00.01.06.1](#) | 2019.03.18

- New features:
 - Added 'More' SMS Utilities rule
- Fixes:
 - RMS reconnect issue fix
 - Hotspot authentication mode change fix
 - Overview widget fixes
 - Connection uptime widget fix
 - SMS Management inbox read fix
 - Wireless scan fix
 - SSTP service update
 - SMS-Utilities: various functionality fixes
 - Restore-Point: Removed the ability to load restore points of a different router
 - VLAN: LAN Network configuration backup fix
 - Maximum length SMS message send fix
 - Long SMS messages stretch out WebUI fix
 - Ping Reboot: reboots after service is disabled fix
 - Removed warning message when scanning for WiFi STA
 - Setup Wizard WiFi channel select custom option remove fix
 - Call Utilities: double zero in front of the number fix
 - Setup Wizard: you cannot proceed with setup if you disable DHCP fix

- Restore to default percentage counting fix
- WoL: Use WAN as LAN fix
- Network Operators: Typo fix
- Events log: Typo fixes
- Hotspot Statistics: WebUI shows WiFi AP's and STA when they are not a hotspot fix
- Hotspot: configuration saves without advertisement address fix
- WiFi channel frequency display fix
- Mobile Traffic: daily statistics show wrong time fix
- STunnel text display fix
- IPSec text display fix
- OpenVPN remove TLS clients in TAP mode fix
- Hotspot: Tab placement fix
- Overview: Text changes
- SMS-Utilities: 'uci show' fix
- WebUI: added connection band info to mobile status page
- Mobile: fix for LTE band default value for different regions
- RMS: fixed logread messages
- I/O: fixed output state labels

[RUT2XX_R_00.01.05.1](#) | 2019.02.22

- New features:
 - Added Wake on LAN functionality
 - Added Wake on LAN SMS Utilities rule
 - Added STunnel feature to VPN services
- Improvements:
 - Added every WAN interface selection to Qos
 - Add modem restart option to Periodic Reboot
 - Updated curl to version 7.64.0
 - Updated OpenSSL to version 1.0.2q
- Fixes:
 - L2TP network restart after connection loss fix
 - OpenVPN service restart when TLS-Password is changed fix
 - Mobile IP and gateway fix
 - Overview OpenVPN widget display fix
 - IPSec psk_key save after older firmware upgrade fix
 - Configuration backup and firmware upgrade stuck on the 'downloading' page fix
 - SNMP memory leak fix
 - Mobile data limit keep limit after firmware upgrade with keep settings fix
 - Remote access information fix
 - L2TP IP range change fix
 - Setup Wizard → LAN DHCP fields not hidden when DHCP is unchecked fix
 - Hotspot firewall rules fix
 - Data-only SIM fix
 - Wireless Station and Access Point fixes
 - Deleted unnecessary IPsec keep alive option
 - Fixed GRE Tunnel connection
 - Removed NOTRACK target from firewall rules
 - WAN IP not showing on Login page fix
 - DDNS process kill fix

- WAN selected as LAN fix
- IPsec restart when backup mobile fails fix
- RMS memory usage fix
- CLI Connect button fix
- Mobile traffic counter resetting fix
- Multiple OpenVPN related fixes
- Ping Reboot fix

[RUT2XX_R_00.01.04.2](#) | 2018.12.20

- Fixes:
 - SSH security fix
 - Mobile page fix

[RUT2XX_R_00.01.04.1](#) | 2018.11.15

- New features:
 - Added NTP server, force servers option for ntpclient
 - Added selectable network band support
 - Added SSTP
 - Replace bird routing package with quagga package
 - Added WiFi MAC Filter address range support
 - Changed RMS communication protocol to use MQTT instead of OpenVPN
 - Enabled SSH diffie-hellman-group14-sha1 key exchange algorithm
- Improvements
 - Updated mobile operator database
 - Enabled Wired (Main) + Mobile (Failover) multiwan in default configuration
 - Sensitive information (usernames and passwords) removed from router's Troubleshoot file
 - Added warnings to Call Utilities when on 4G-only mode
- Fixes:
 - Fixed multiwan restart sequence issues causing VPN instabilities
 - Static Routes fix
 - WiFi updates and security fixes
 - Minor improvements and bug fixes for operator selection
 - SNMP MIB values and file format fix
 - SNMP Hotspot and serial values fix
 - Redirect to login page after factory reset fix
 - IPsec init script fix
 - Overview WiFi widget fix
 - Modbus WiFi enable/disable fix
 - Modbus APN write and memory leak fixes
 - JavaScript code multiplication fix
 - DHCP server lease time validation update fix
 - Hang up on watchdog reset fix
 - Overview mobile WAN IP display fix
 - curl: update to 7.62.0
 - OpenSSL: update to 1.0.2p
 - cacert: update to 2018-10-17
 - arptables segmentation fault fix

- quectel-CM: updated to latest version
- GRE Tunnel delete after button press fix
- Update Teltonika contact address in Licenses page
- Disabled passthrough and bridge selection when multiwan is enabled
- Fixed lua dispatcher error after reboot
- Fixed multiwan metrics and priorities
- SMS Utilities SMS status WAN IP with multiwan fix

[RUT2XX_R_00.01.03.5](#) | 2018.10.23

- Fixes:
 - VPN shutdown at delete fix
 - PPTP default gateway set and delete fix
 - OpenVPN status fix
 - OpenVPN configuration section name compatibility fix
 - IPsec redirect after save fix
 - Overview VRRP widget status fix
 - Hotspot start after reboot fix
 - Added default LAN IPv6 address
 - Overview WAN wiki link fix
 - Hotspot overview fix
 - Mobile data counter reset fix

[RUT2XX_R_00.01.03.2](#) | 2018.09.05

- New features:
 - Added operators control with white/black list feature
 - Added Administration -> Root CA page
- Improvements:
 - Added many security updates
 - Added firmware update information
 - Added CellID information to Troubleshoot file
- Fixes:
 - GPL: compilation fixes
 - Configuration restore fix
 - Disabled Hotspot users' ability to reach LAN devices and WebUI
 - Port Forwarding IP validation fix
 - System -> Administration -> Overview page loading fix when VPN configuration exists
 - Some minor DHCP display fixes
 - Call Utilities reboot action partial message fix
 - DDNS IP source change and added time selection
 - OpenVPN service fixes
 - Some minor QoS fixes
 - Some minor OpenVPN fixes
 - Configuration Wizard: LAN page redirect fix
 - Overview WAN IP fix
 - Added Redirect to HTTPS information
 - Troubleshoot TCPdump fix
 - Changed 'Backup WAN' to 'WAN Failover'
 - WebUI: language translation in some pages fix

- Hotspot: SMS OTP authentication fix (Mantis ID: 0022367)
- Overview VPN widget IP fix

[RUT2XX_R_00.01.02.6](#) | 2018.08.22

- Fixes:
 - Fixed GPL Readme
 - Fixed JavaScript password validation

[RUT2XX_R_00.01.02.3](#) | 2018.06.08

- Fixes:
 - Fixed RMS status in overview page
 - Fixed LTE signal strength graph

[RUT2XX_R_00.01.01.4](#) | 2018.05.16

- New features:
 - Added DHCP Force option
 - Added RMS connection page to Setup Wizard
 - Added forced password change
- Improvements:
 - Updated Overview widget icons, added Teltonika Wiki links
 - Added private key decryption function to OpenVPN client configuration
 - Added additional DPD options
- Fixes:
 - Fixed Wget reboot URL datatype
 - WebUI: SSH access status fix
 - Added special symbols exception to SMS-Forwarding
 - Added missing Events Reporting config for SMS-Utilities
 - PPP enable/disable bug fix
 - Multiple Call Utilities fixes
 - SMS event queries fix
 - Removed unnecessary sim_switch message text
 - Some SSH security fixes
 - Updated Modbus sources and coding table
 - Multiple OpenVPN bug fixes
 - Graphs/Signal strength fix when using HSDPA+HSUPA network type
 - Fixed VLAN DHCP leasing
 - Administration password change fix
 - STA mode logic changed
 - Hotspot bandwidth limit fix
 - Moved IP alias gateway to advanced features
 - Administration -> Overview fix
 - Factory reset fix due to mobile connection problems

[RUT2XX_R_00.01.00](#) | 2018.03.19

- Improvements:
 - Added hostname validation for Wget Reboot
 - New versioning logic

- Fixes:
 - Output ON/OFF fix
 - Firmware Upgrade fix
 - SSH authentication logging fix

[RUT2XX_R_00.00.553](#) | 2018.03.09

- New features:
 - Added Redirect LAN to GRE function
- Fixes:
 - Mobile Data Limit fixes
 - User's password removed from users table
 - Firmware upgrade message fixed

[RUT2XX_R_00.00.539](#) | 2018.03.01

- Fixes:
 - Minor Openvpn functionality fixes

[RUT2XX_R_00.00.486](#) | 2018.02.27

- New features:
 - Added two additional fields to Hotspot Landing Page link configuration (SMS have password, SMS no password)

[RUT2XX_R_00.00.482](#) | 2018.02.22

- Fixes:
 - Updated SMS send status
 - Added Modbus enable check-box
 - Added firewall rule so the router would be reachable from WAN when access control is enabled

[RUT2XX_R_00.00.474](#) | 2018.02.20

- Improvements:
 - Added download MIBS button to SNMP page
- Fixes:
 - Fixed style for VPN service pages, Modbus page

[RUT2XX_R_00.00.388](#) | 2018.02.19

- New features:
 - Added Relayd function that can make the router act like a wireless range extender

[RUT2XX_R_00.00.382](#) | 2018.02.06

- Fixes:
 - Fixed Wi-Fi logging to FTP function
 - Fixed site blocking file parsing
 - System Information texts fix

[RUT2XX_R_00.00.377](#) | 2018.01.31

- New features:
 - IPsec: added Transport mode, Firewall options, local IP management options
- Improvements:
 - Moved Disable NAT flags from VPN to Firewall page
- Fixes:
 - Fixed Firewall config for hotspot interface assignment
 - DMZ rule position fix

[RUT2XX_R_00.00.372](#) | 2018.01.16

- Improvements:
 - Added binero.se to DDNS service providers list
 - Added some additional SMS Utilities hints
 - Added support for changing Wireless SSID name from branding script
 - Improved Email to SMS function
- Fixes:
 - WAN port status display fix
 - Fixed SMS Utilities Write to config bug when sending mobileoff message
 - Whitelist blocking fix in Site Blocking

[RUT2XX_R_00.00.355](#) | 2018.01.05

- New features:
 - Added WPA-Enterprise encryption type support for Wi-Fi Access Points
 - Added Email To SMS, SMS Forwarding functions
 - Added Wget Reboot function
- Improvements:
 - Updated fw upgrade validation for future firmwares
- Fixes:
 - Fixed bug of not being able to use hostnames as a destination for Ping Reboot
 - Input/Output Scheduler backup bug fix
 - System->Administration page style fixes
 - Removed wifid due to security issues
 - Configuration Backup bug fixes

[RUT2XX_R_00.00.339](#) | 2018.01.02

- New features:
 - Added IPsec option for WebUI access through tunnel
 - Added Reset button custom hold time configuration
- Fixes:
 - Minor Mobile Data Limit bug fix
 - Renamed mibs file to TLT-MIB.txt
 - Temperature display fix
 - Added Async Control Character Maps
 - Fixed minor grammatical errors in the WebUI

- OpenVPN hints fix

RUT2XX_R_00.00.312 | 2017.12.08

- Fixes:
 - Some minor PPTP Server and Client functionality fixes
 - Added fix to PPP Connection Type due to disconnecting mobile connection
 - Real traffic fix

RUT2XX_R_00.00.307 | 2017.12.05

- New features:
 - Added Hotspot configuration profiles
- Improvements:
 - Added custom redirect address
 - Added troubleshoot file download protection
- Fixes:
 - Some minor Hotspot functionality fixes
 - Mobile data logging fix
 - Some minor Dynamic DNS functionality fixes

RUT2XX_R_00.00.296 | 2017.11.23

- Improvements:
 - SMS Utilities fw_upgrade rule now works with Keep Settings
- Fixes:
 - Minor Reregister function fix
 - Use IPv4 only fix
 - Minor mobile interface fix
 - Some minor Site Blocking fixes
 - Connect to hidden WiFi AP fix
 - Multiwan metric change fix for RUT230

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- Improvements:
 - Improved Mobile Data Limit functionality
 - Improved Load Balancing functionality